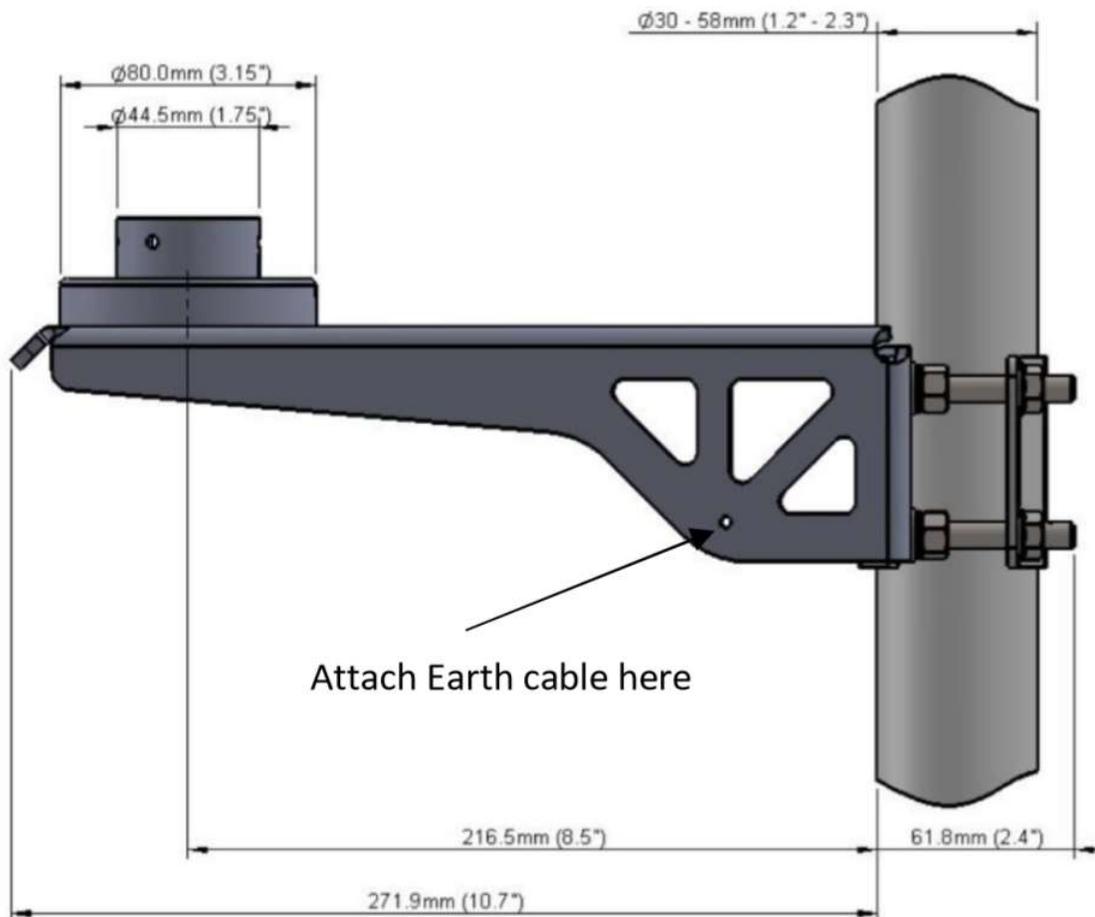


200-1771-PK-115 Bracket for WindSonic and MaxiMet Sensors

The Gill Instruments bracket is a sturdy platform for either WindSonic or MaxiMet sensors. The short stub on the end of the bracket fits the receiver on the base of the sensor and is drilled and tapped for three 5mm screws that secure the sensor. The bracket clamps to masts from 1.2" to 2.3" in diameter (30-58mm)*.

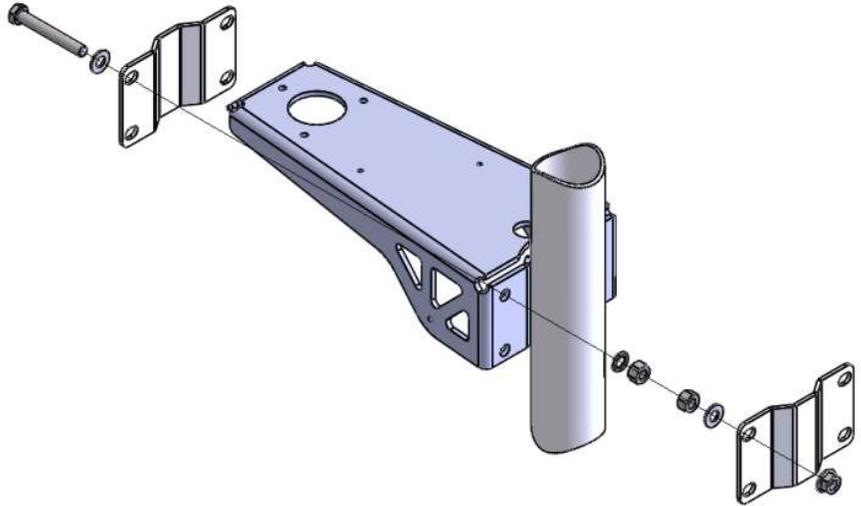


***Note:** Masts up to 76mm diameter can be accommodated provided longer bolts are used (not supplied). Fully threaded M8x100 mm recommended.

Consider the position, orientation and alignment of the unit for best exposure of the sensor(s).

1. Degrease the mast at the location where the bracket is to be mounted.

2. Assemble the four bolts loosely to the bracket using all the hardware except the locking nuts as shown.



3. Hold the bracket to the mast and install the outer moving plate. For masts that are less than 1.5" diameter (38 mm) reverse the outer plate for a snug fit.

4. Rotate the bracket around the mast until it points south. Install the locking nuts and tighten them with moderate pressure. Tighten the inner nuts closest to the bracket firmly, then re-tighten the locking nuts to 2.2 ft-lbs (3 Nm). Finally, tighten the inner nuts closest to the outer moving plate.

5. Feed the connector end of the cable up through the stub on the end of the bracket. Engage the connector with the sensor and turn the locking ring $\frac{1}{4}$ turn. You may feel the "click" as it locks.

6. Lower the sensor onto the stub. Rotate the sensor until the North indicator faces the mast, then align the closest screw holes. Place a flat washer on each 5 mm screw, thread the screws in finger-tight and then tighten evenly to 1.1 ft-lbs maximum (1.5 Nm).

7. Screw an Earth cable minimum of 6mm² (8 or 9 AWG) to the bracket chassis using the screw and terminal tag fixings supplied. Install cable ties to support the sensor cable.